

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094755.D
 Acq On : 1 May 2017 18:11
 Operator : SJ/MA
 Sample : I2931-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-042817

Quant Time: May 02 03:08:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

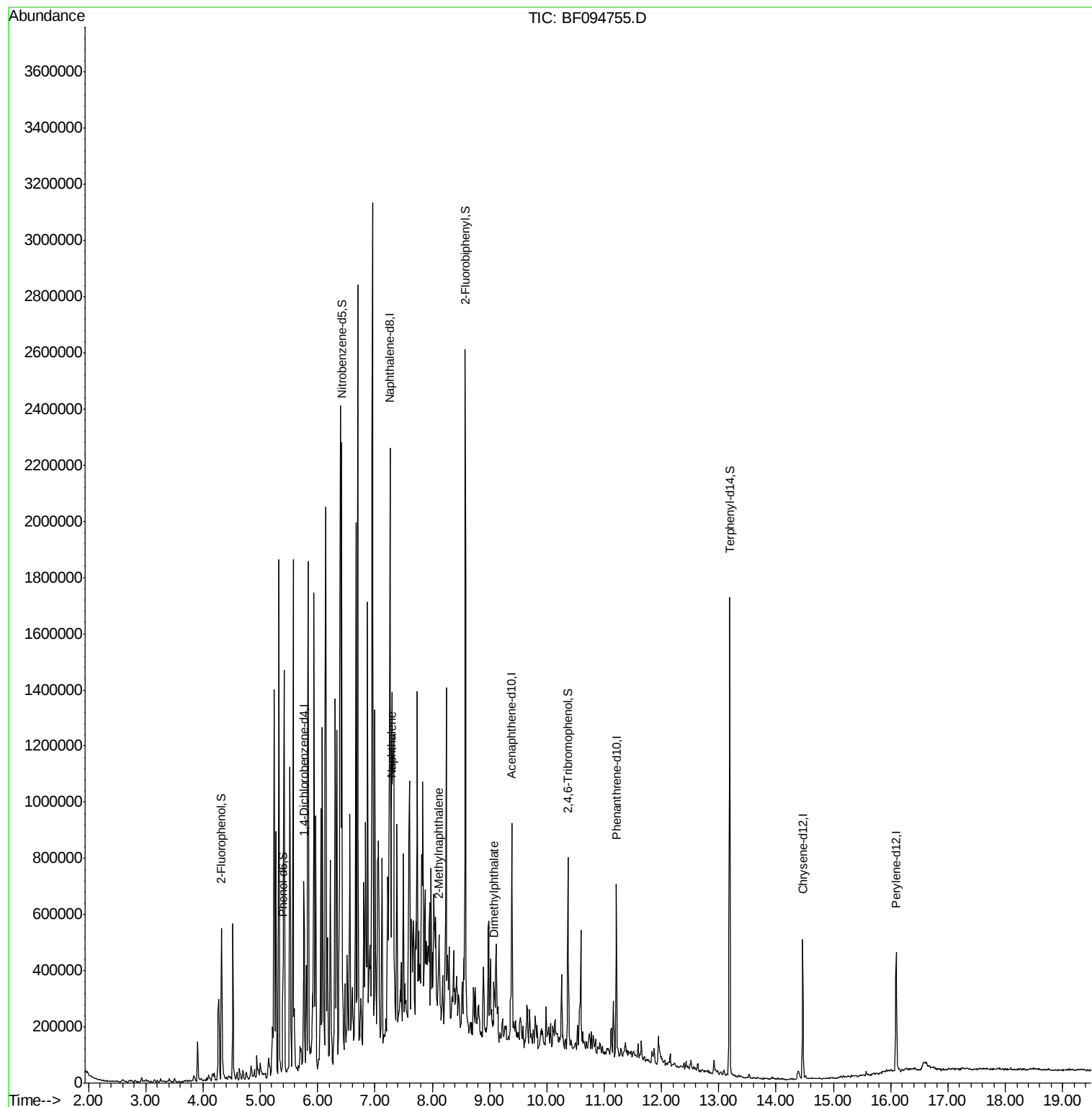
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	91009	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	311960	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	155256	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	233148	20.00	ng	0.00
75) Chrysene-d12	14.47	240	190146	20.00	ng	0.00
86) Perylene-d12	16.09	264	165688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	202898	36.99	ng	0.02
7) Phenol-d6	5.40	99	159395	24.65	ng	0.00
23) Nitrobenzene-d5	6.42	82	414188	81.98	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	82871	68.24	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	830705	78.72	ng	0.00
78) Terphenyl-d14	13.19	244	577645	81.20	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.28	128	47703	3.18	ng	# 73
37) 2-Methylnaphthalene	8.12	142	58374	5.69	ng	98
49) Dimethylphthalate	9.08	163	81703	7.06	ng	99

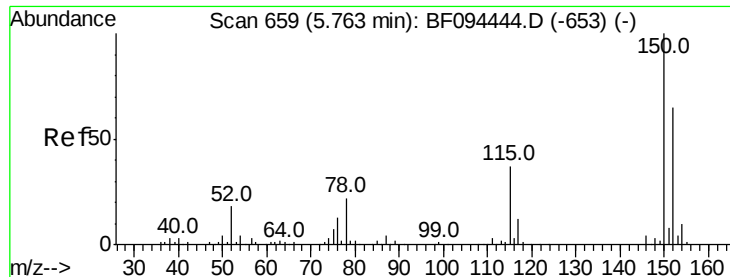
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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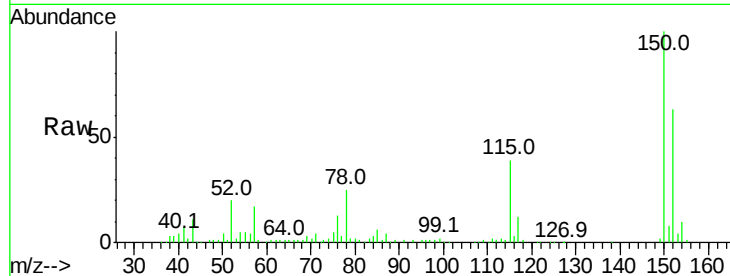


#1

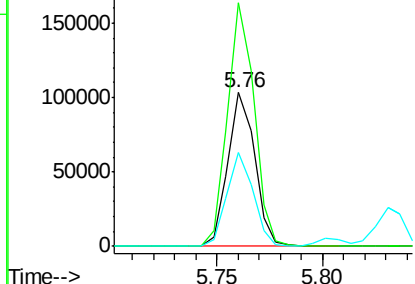
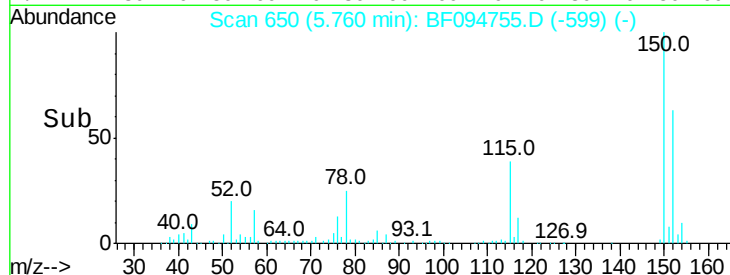
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF094755.D
 Acq: 1 May 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 WATER-042817

Tot Ion:152 Resp: 91009
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.2 189.2
 115 61.3 52.2 78.2



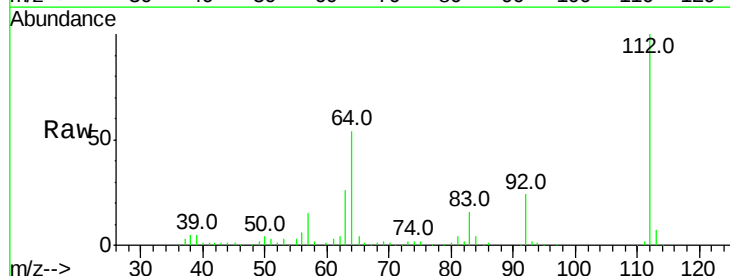
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



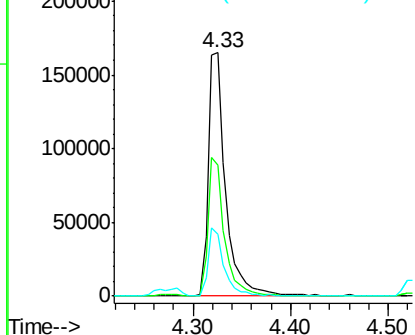
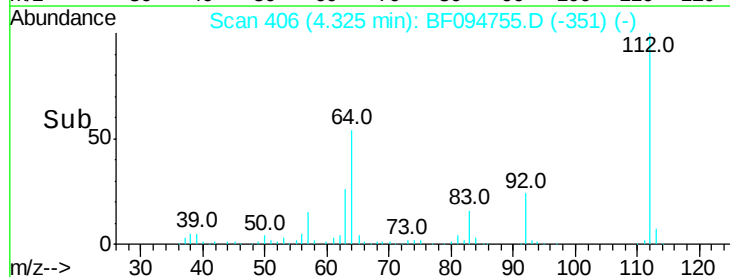
#5

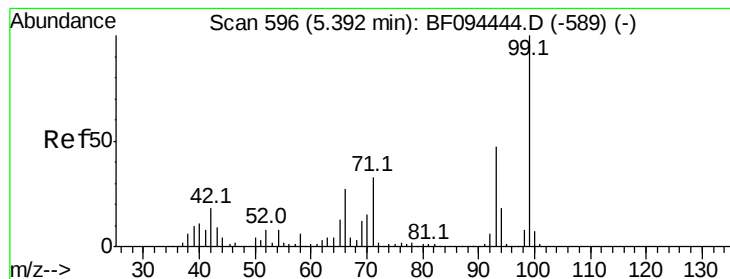
2-Fluorophenol
 Concen: 36.99 ng
 RT: 4.33 min Scan# 406
 Delta R.T. 0.02 min
 Lab File: BF094755.D
 Acq: 1 May 2017 18:11

Tgt Ion:112 Resp: 202898
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.0 69.0
 63 25.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.65 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

Instrument :

BNA_F

ClientSampleId :

WATER-042817

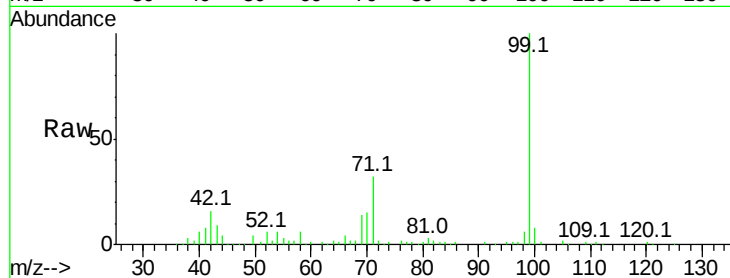
Tot Ion: 99 Resp: 159395

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

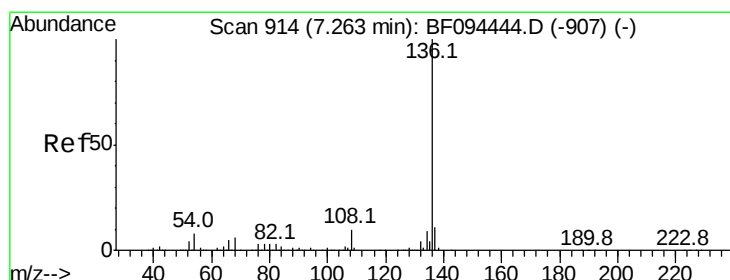
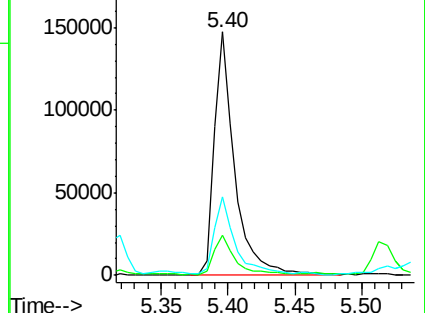
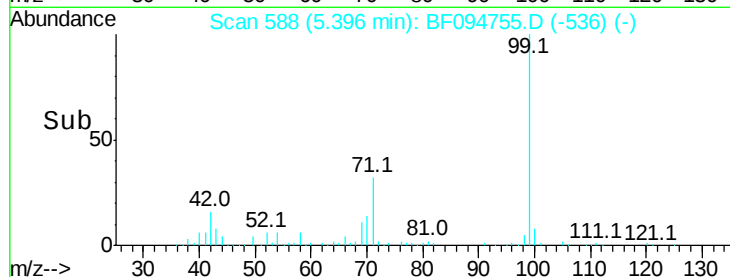
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

Tgt Ion: 136 Resp: 311960

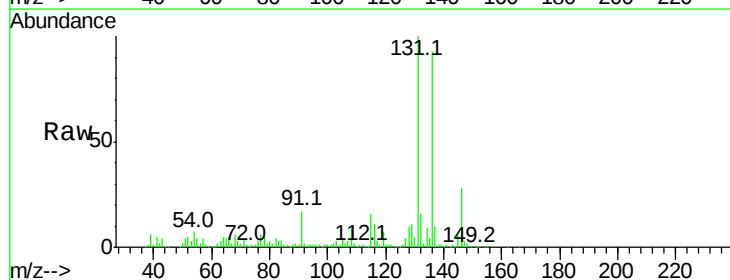
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.7 4.9 7.3#

68 6.5 4.1 6.1#

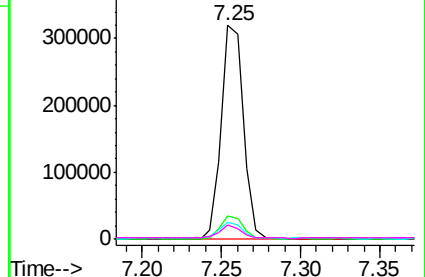
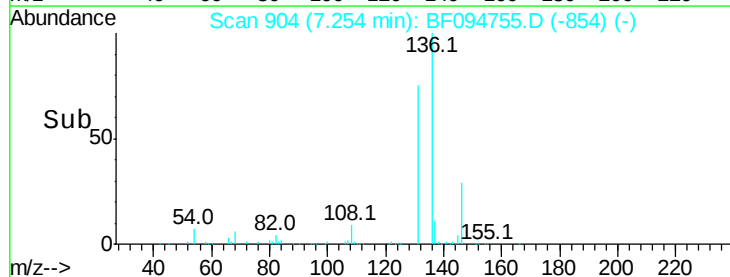


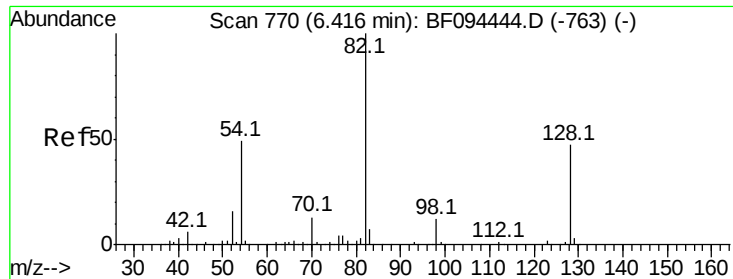
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

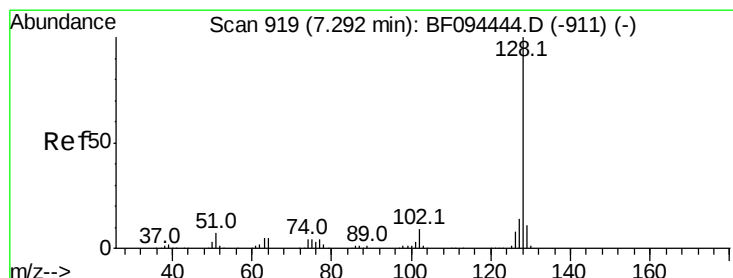
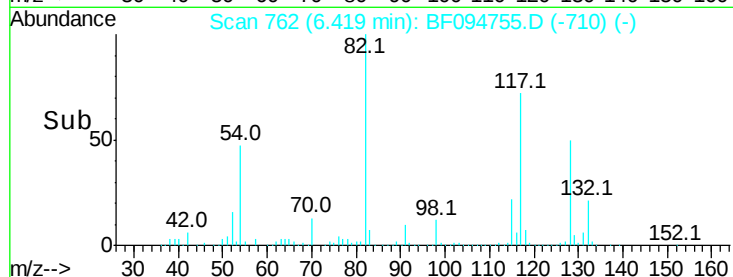
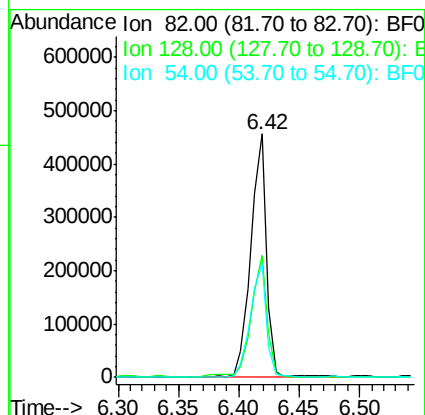
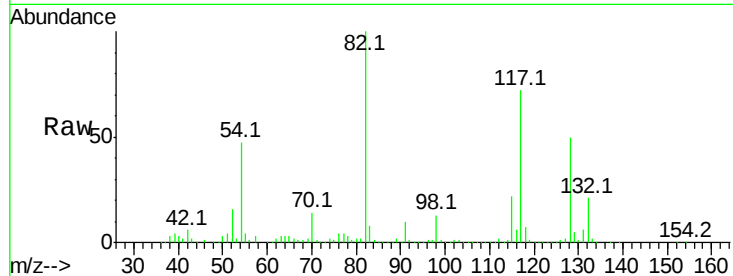




#23
 Nitrobenzene-d5
 Concen: 81.98 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094755.D
 Acq: 1 May 2017 18:11

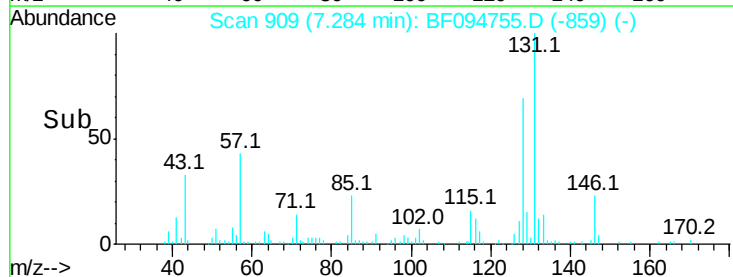
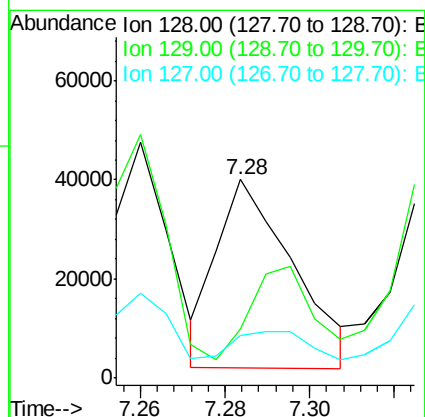
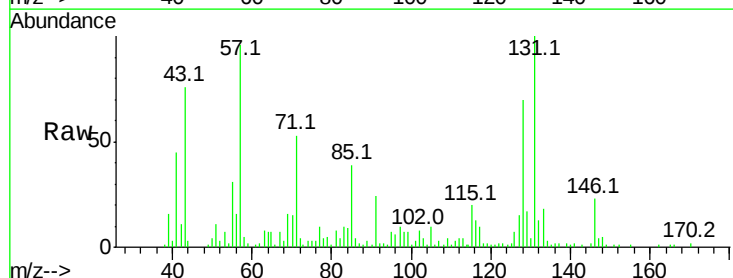
Instrument :
 BNA_F
 ClientSampleId :
 WATER-042817

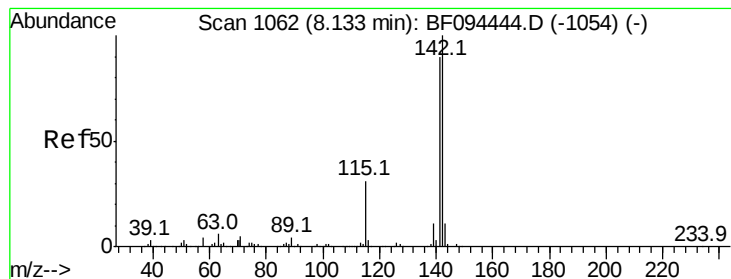
Tot Ion: 82 Resp: 414188
 Ion Ratio Lower Upper
 82 100
 128 50.1 34.0 51.0
 54 47.0 42.2 63.2



#31
 Naphthalene
 Concen: 3.18 ng
 RT: 7.28 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF094755.D
 Acq: 1 May 2017 18:11

Tgt Ion:128 Resp: 47703
 Ion Ratio Lower Upper
 128 100
 129 24.5 9.0 13.6#
 127 21.6 10.8 16.2#





#37

2-Methylnaphthalene

Concen: 5.69 ng

RT: 8.12 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

Instrument :

BNA_F

ClientSampleId :

WATER-042817

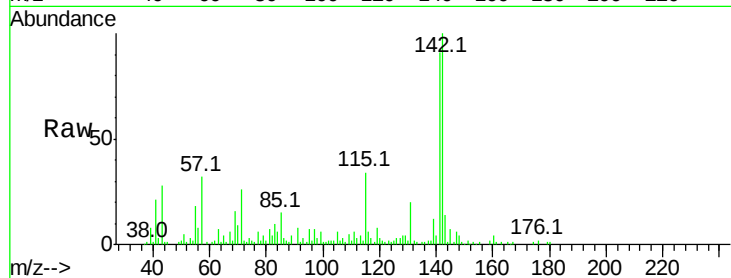
Tot Ion:142 Resp: 58374

Ion Ratio Lower Upper

142 100

141 91.0 71.3 106.9

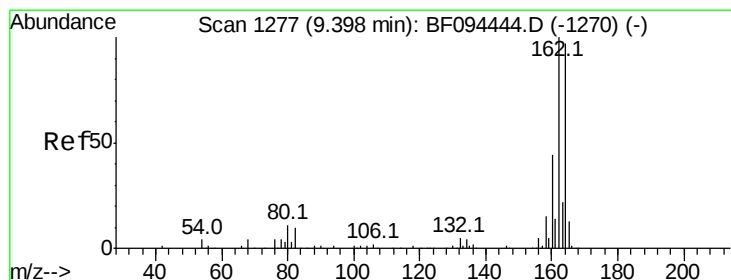
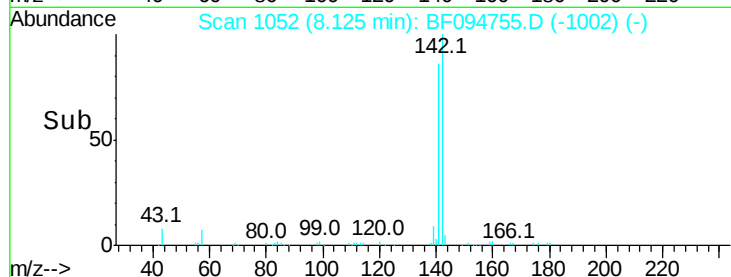
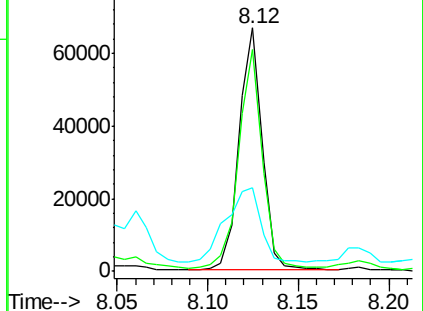
115 34.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

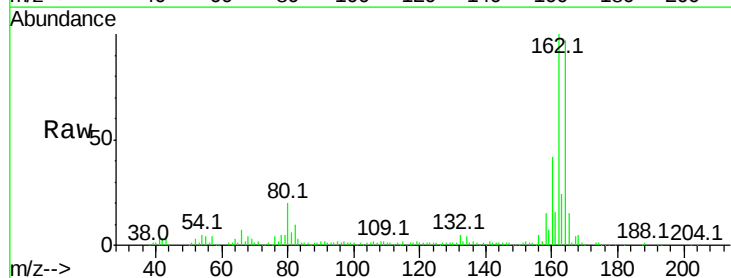
Tgt Ion:164 Resp: 155256

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

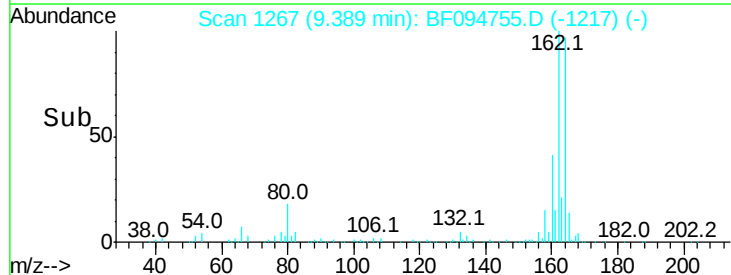
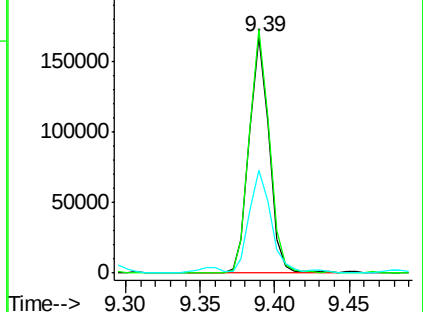
160 43.6 36.2 54.2

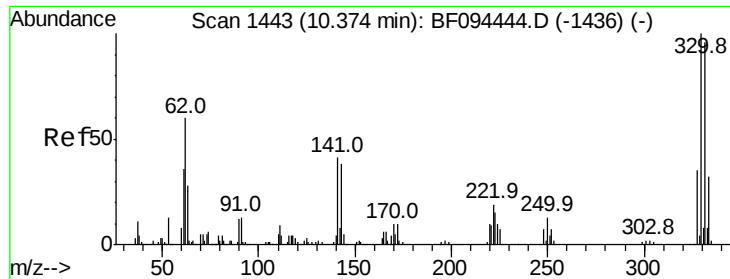


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

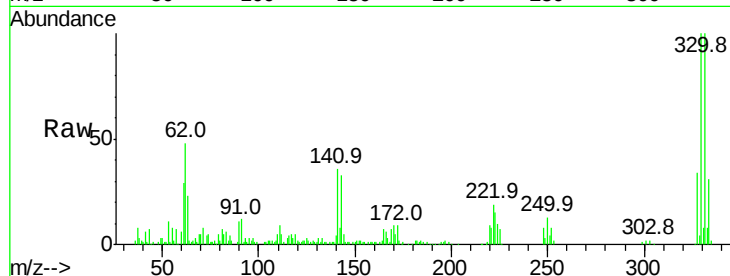




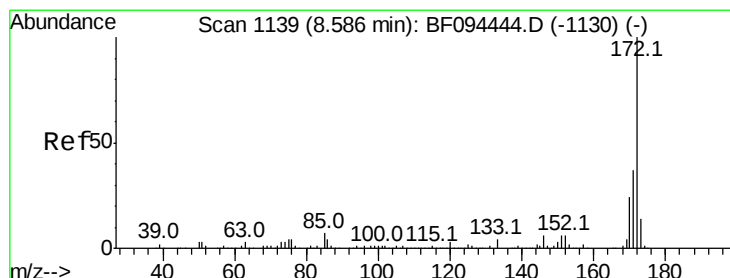
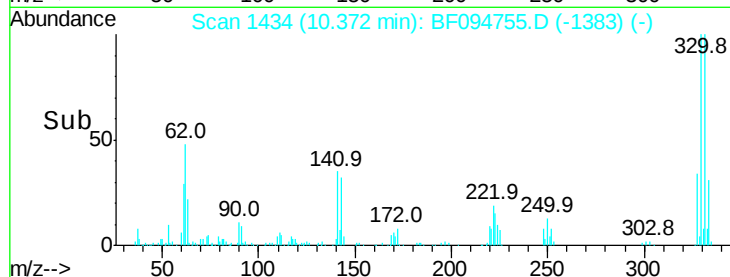
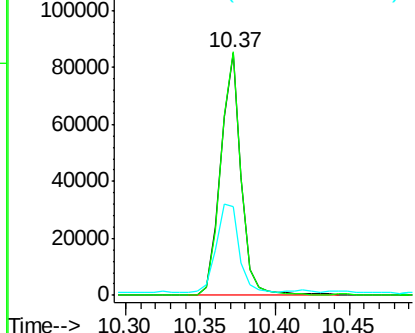
#41
 2,4,6-Tribromophenol
 Concen: 68.24 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094755.D
 Acq: 1 May 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 WATER-042817

Tot Ion:330 Resp: 82871
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 115.0
 141 40.8 31.4 47.2

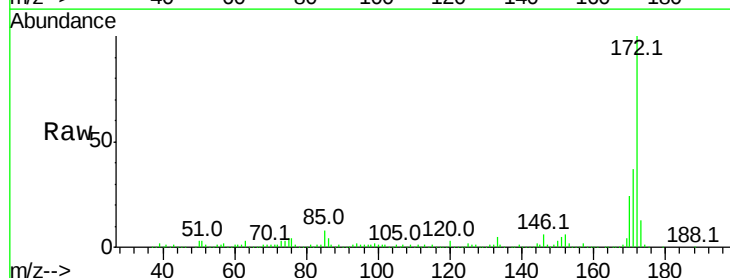


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

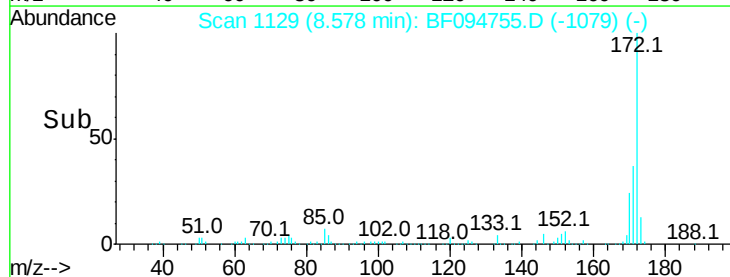
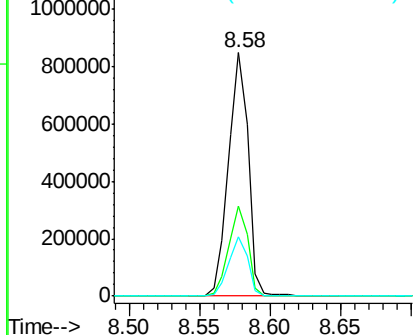


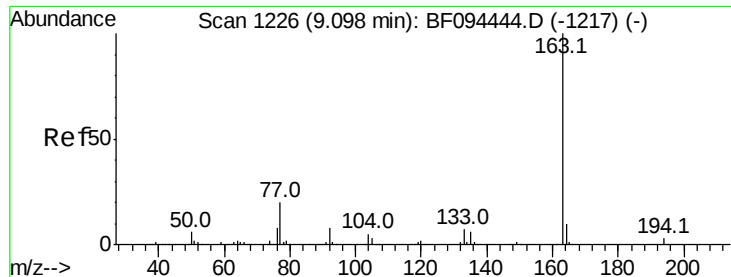
#44
 2-Fluorobiphenyl
 Concen: 78.72 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094755.D
 Acq: 1 May 2017 18:11

Tgt Ion:172 Resp: 830705
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.06 ng

RT: 9.08 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

Instrument :

BNA_F

ClientSampleId :

WATER-042817

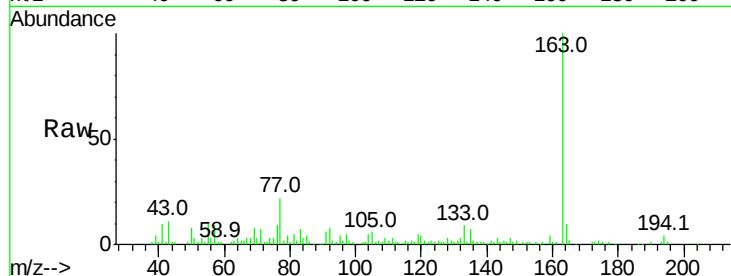
Tot Ion:163 Resp: 81703

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0

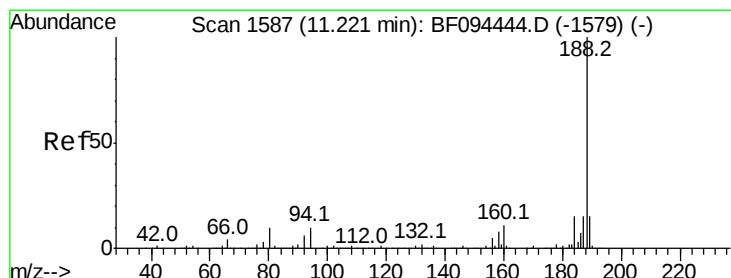
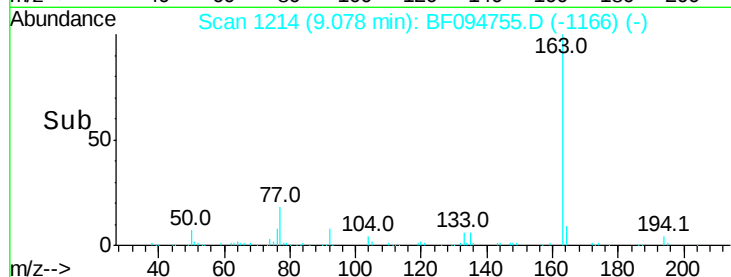
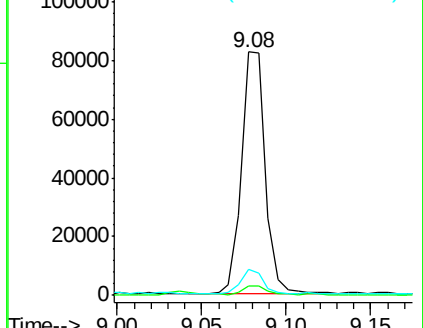
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

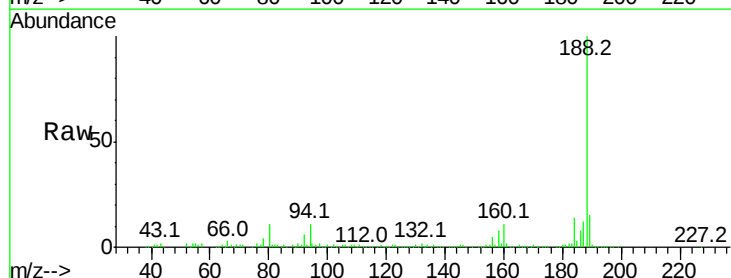
Tgt Ion:188 Resp: 233148

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

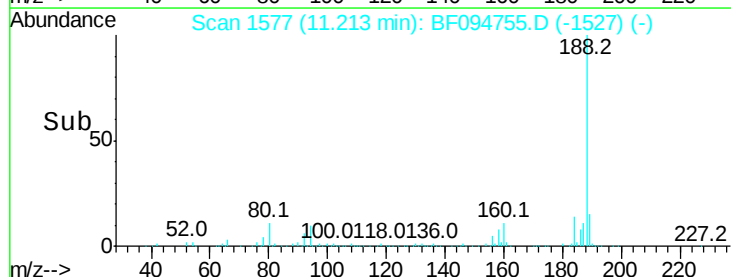
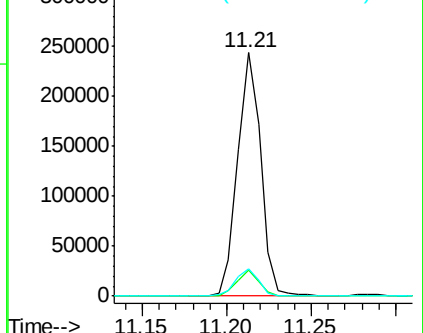
80 11.2 10.2 15.2

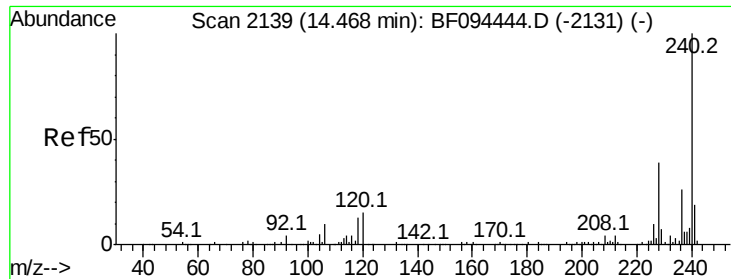


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

Instrument :

BNA_F

ClientSampleId :

WATER-042817

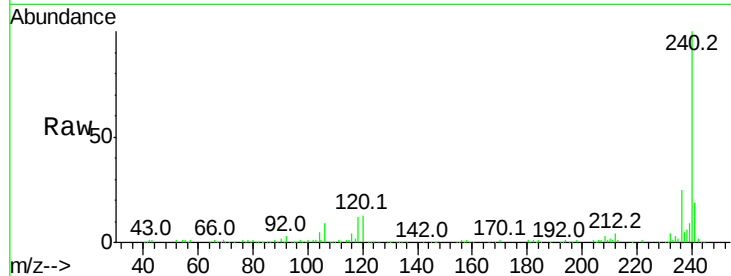
Tot Ion:240 Resp: 190146

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

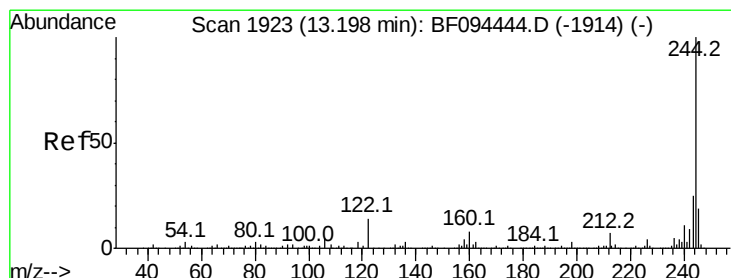
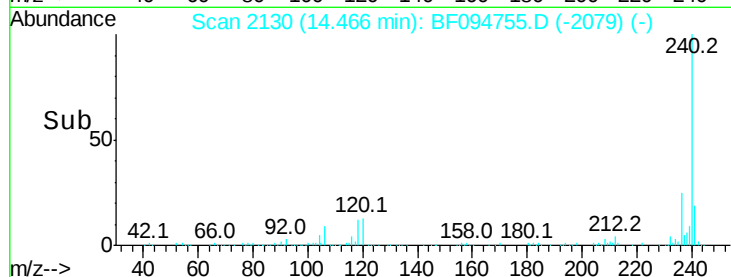
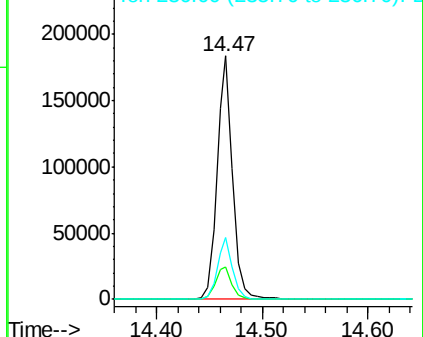
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 81.20 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094755.D

Acq: 1 May 2017 18:11

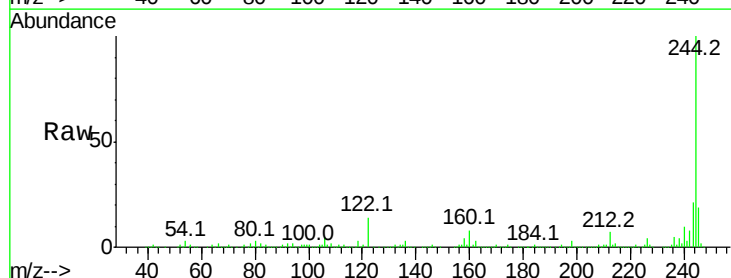
Tgt Ion:244 Resp: 577645

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

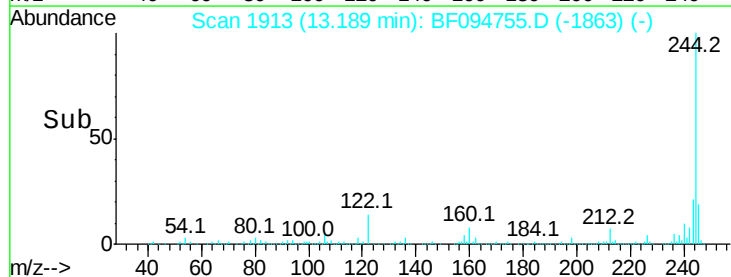
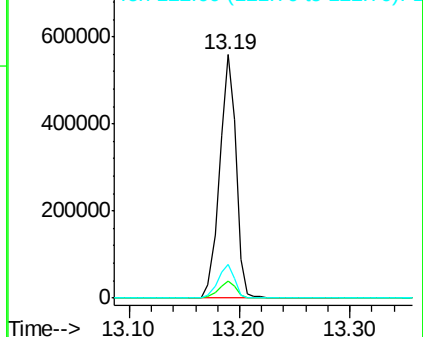
122 13.7 10.3 15.5

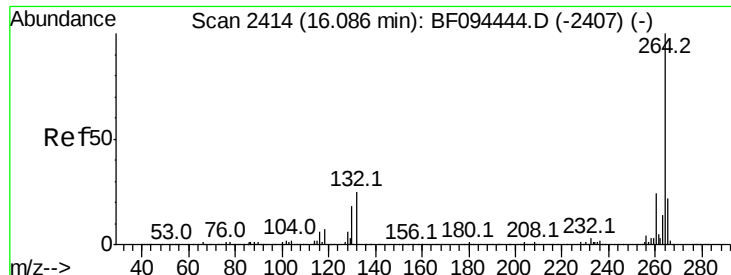


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094755.D
Acq: 1 May 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WATER-042817

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.0	17.2	25.8

